

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 July 2006 (13.07.2006)

PCT

(10) International Publication Number
WO 2006/072948 A3

(51) International Patent Classification:

A61K 9/48 (2006.01) A61K 49/18 (2006.01)
A61K 51/12 (2006.01)

(21) International Application Number:

PCT/IL2006/000017

(22) International Filing Date: 5 January 2006 (05.01.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

166183 6 January 2005 (06.01.2005) IL

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:

2 November 2006

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: GASTRO-RETENTIVE DIAGNOSTIC ASSEMBLIES

(57) Abstract: The present invention provides a gastro-retentive diagnostic assembly (GRDA) for use in determining a condition of a subject's gastrointestinal tract (GI tract), comprising a folded single or multi-layered device comprising a diagnostic utility, such as a contrasting agent, the device prior to folding being essentially planar, and included in a delivery system for oral intake, the delivery system being adapted to release the device once in the stomach, whereupon release said device unfolds into an unfolded shape that results in the retention of the device in the stomach. Further provided are methods of determining a condition of a subject's GI tract by the use of the GRDA of the invention, as well as uses of a single or multi-layered device comprising a diagnostic utility when in a folded or unfolded shape, and method of preparing the GRDA of the invention.

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